

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054581 A1

(51) International Patent Classification⁷: **E01F 9/018**

[NO/NO]; Vestre vei 81C, N-1315 Nesøya (NO). **SKÖLD, Johnny** [NO/NO]; Breidablikkveien 1, N-4250 Kopervik (NO).

(21) International Application Number:
PCT/NO2004/000366

(74) Agent: **ABC-PATENT, SIVILING. ROLF CHR. B. LARSEN A.S.**; Brynsveien 5, N-0602 Oslo (NO).

(22) International Filing Date:
29 November 2004 (29.11.2004)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: Norwegian

(26) Publication Language: English

(30) Priority Data:
20035336 1 December 2003 (01.12.2003) NO

(71) Applicant (*for all designated States except US*): **JURALCO A/S** [NO/NO]; Postboks 129, N-1309 Rud (NO).

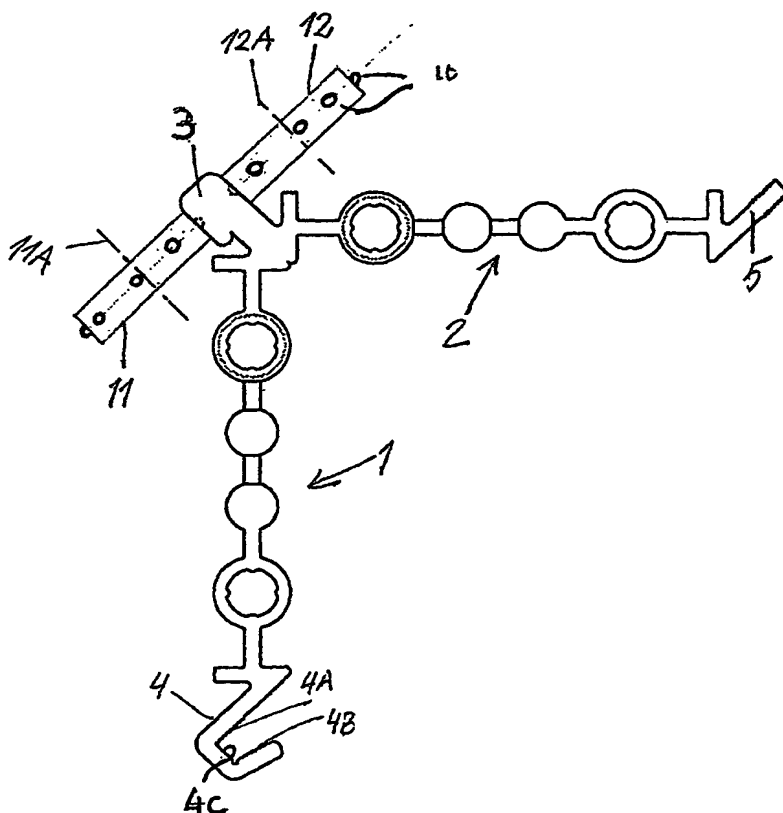
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **HEGLUND, Kim**

[Continued on next page]

(54) Title: METHOD FOR PRODUCTION OF A MAST SHAPED BODY



(57) Abstract: The invention relates to a method for production of masts mainly formed of extruded bodies and with a general cross section comprising at least three mast elements (1, 2) joined together at the corners (3) by means of cooperating rail sections (5) and channel sections (4). The channel section (4) are provided with tapered inner wall sections (4A, 4B) and the elements are joined by inserting the rail section (5) of a mast element (1, 2) into the channel section (4) of an adjacent mast element (1, 2), and clamped together by a substantial continuous movement of a roller like tool (11, 12) in longitudinal direction and on the external side of each side of the channel section (4), causing permanent deformation of the walls of the channel section (4) around the rail section (5), thereby establishing a permanently joined corner (3).



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*